

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 11375

Received at London Office

14 SEP 1936

Date of writing Report 9/9/1936 When handed in at Local Office 11/9/1936 Port of TRIESTE
 No. in Survey held at Amsterdam & Monfalcone Date, First Survey July 23 Last Survey Sep 2 1936
 Reg. Book. 84182 on the Single Triple Quadruple Screw vessel Solarium Number of Visits five

Tons { Gross 6239
 Net 3651

Built at Monfalcone By whom built Cantieri Riuniti d'Industria Navale Yard No. 1136 When built 1936
 Owners Anglo Saxon Petroleum Co Port belonging to London
 Oil Engines made at Amsterdam By whom made Kromhout Eng. Contract No. 7606 When made 1936
 Generators made at Monfalcone By whom made Officine Elettriche Contract No. 103637 When made 1936
 103636
 No. of Sets 2 Engine Brake Horse Power 30 Nom. Horse Power as per Rule 12 Total Capacity of Generators 16 Kilowatts.

Please see also Amsterdam Rep. No 13633
 OIL ENGINES, &c. Type of Engines Kromhout Diesel HS 2 2 or 4 stroke cycle 2 Single or double acting Simple

Maximum pressure in cylinders 40 at. Diameter of cylinders 210 mm Length of stroke 270 mm No. of cylinders 1 No. of cranks 1
 Span of bearings, adjacent to the Crank, measured from inner edge to inner edge 328 mm Is there a bearing between each crank —
 Revolutions per minute 390 Flywheel dia. 1100 mm Weight 1180 kg Means of ignition Compress. Kind of fuel used Diesel oil
 Crank Shaft, dia. of journals as per Rule 110 mm as fitted 110 mm Crank pin dia. 110 mm Crank Webs Mid. length breadth 150 mm Mid. length thickness 70 mm Thickness parallel to axis — Thickness around eyehole —
 Flywheel Shaft, diameter as per Rule 70 mm as fitted 70 mm Intermediate Shafts, diameter as per Rule — as fitted — Thickness of cylinder liners no liners

Is a governor or other arrangement fitted to prevent racing of the engine when declutched yes Means of lubrication forced
 Are the cylinders fitted with safety valves yes Are the exhaust pipes and silencers water cooled or lagged with non-conducting material lagged with water cooled
 Cooling Water Pumps, No. one a 1440 lit/h Is the sea suction provided with an efficient strainer which can be cleared within the vessel —
 Lubricating Oil Pumps, No. and size one a 840 lit/h.

Air Compressors, No. — No. of stages — Diameters — Stroke — Driven by —
 Scavenging Air Pumps, No. four Kase Kasey Diameter — Stroke — Driven by —

AIR RECEIVERS:—Is each receiver, which can be isolated, fitted with a safety valve as per Rule —
 Can the internal surfaces of the receivers be examined — What means are provided for cleaning their inner surfaces —
 Is there a drain arrangement fitted at the lowest part of each receiver —

High Pressure Air Receivers, No. — Cubic capacity of each — Internal diameter — thickness —
 Seamless, lap welded or riveted longitudinal joint — Material — Range of tensile strength — Working pressure by Rules —
 Starting Air Receivers, No. one Total cubic capacity 75 lit. Internal diameter 250 mm thickness 7 mm
 Seamless, lap welded or riveted longitudinal joint seamless Material steel Range of tensile strength 44-50 Working pressure by Rules 25 at. m

ELECTRIC GENERATORS:—Type Compound. Grip proof
 Pressure of supply 110 volts. Load 145 Amp Amperes. Direct or Alternating Current Direct
 If alternating current system, state frequency of periods per second —
 Has the Automatic Governor been tested and found efficient when the whole load is suddenly thrown on or off yes
 Generators, do they comply with the requirements regarding rating yes are they compound wound yes
 are they over compounded 5 per cent. yes, if not compound wound state distance between each generator —
 is an adjustable regulating resistance fitted in series with each shunt field yes Are all terminals accessible, clearly marked, and furnished with sockets yes
 are they so spaced or shielded that they cannot be accidentally earthed, short circuited, or touched yes Are the lubricating arrangements of the generators as per Rule yes

PLANS. Are approved plans forwarded herewith for Shafting 21.6.35 Receivers 21.6.35 Separate Tanks —
 (If not, state date of approval)
 SPARE GEAR as per Rule

The foregoing is a correct description.

Manufacturer.



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